

## Product datasheet for **MR209232L4V**

### Esco2 (NM\_028039) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Esco2 (NM_028039) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Esco2
Synonyms:	2410004I17Rik; D030072L07Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028039
ORF Size:	1779 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209232).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_028039.1</a> , <a href="#">NP_082315.2</a>
RefSeq Size:	2899 bp
RefSeq ORF:	1779 bp
Locus ID:	71988
UniProt ID:	<a href="#">Q8CIB9</a>
Cytogenetics:	14 D1



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**Gene Summary:**

Acetyltransferase required for the establishment of sister chromatid cohesion. Couples the processes of cohesion and DNA replication to ensure that only sister chromatids become paired together. In contrast to the structural cohesins, the deposition and establishment factors are required only during the S phase. Acetylates the cohesin component SMC3. [UniProtKB/Swiss-Prot Function]